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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/613,012

07/07/2003

Seong-Soo Kim

1572.1110

4509

21171

7590

09/13/2005

STAAS & HALSEY LLP

SUITE 700

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EXAMINER

STERLING, AMY JO

ART UNIT

PAPER NUMBER

3632

DATE MAILED: 09/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/613,012

Applicant(s)

KIM ET AL.

Examiner

Amy J. Sterling

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 July 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15,17-21,23-29 and 31 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-10,15,17-20,27-29 and 31 is/are allowed.
- 6) ☒ Claim(s) 11,21,23,24 and 26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 7/1/05.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

This is the **Final Office Action** for application number 10/613,012 Installation Equipment for Display Main Body and Jig for Installation Equipment, filed on 7/7/103. Claims 1-15, 17-21, 23-29 and 31 are pending. This **Final Office Action** is in response to applicant's reply dated 7/1/05. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

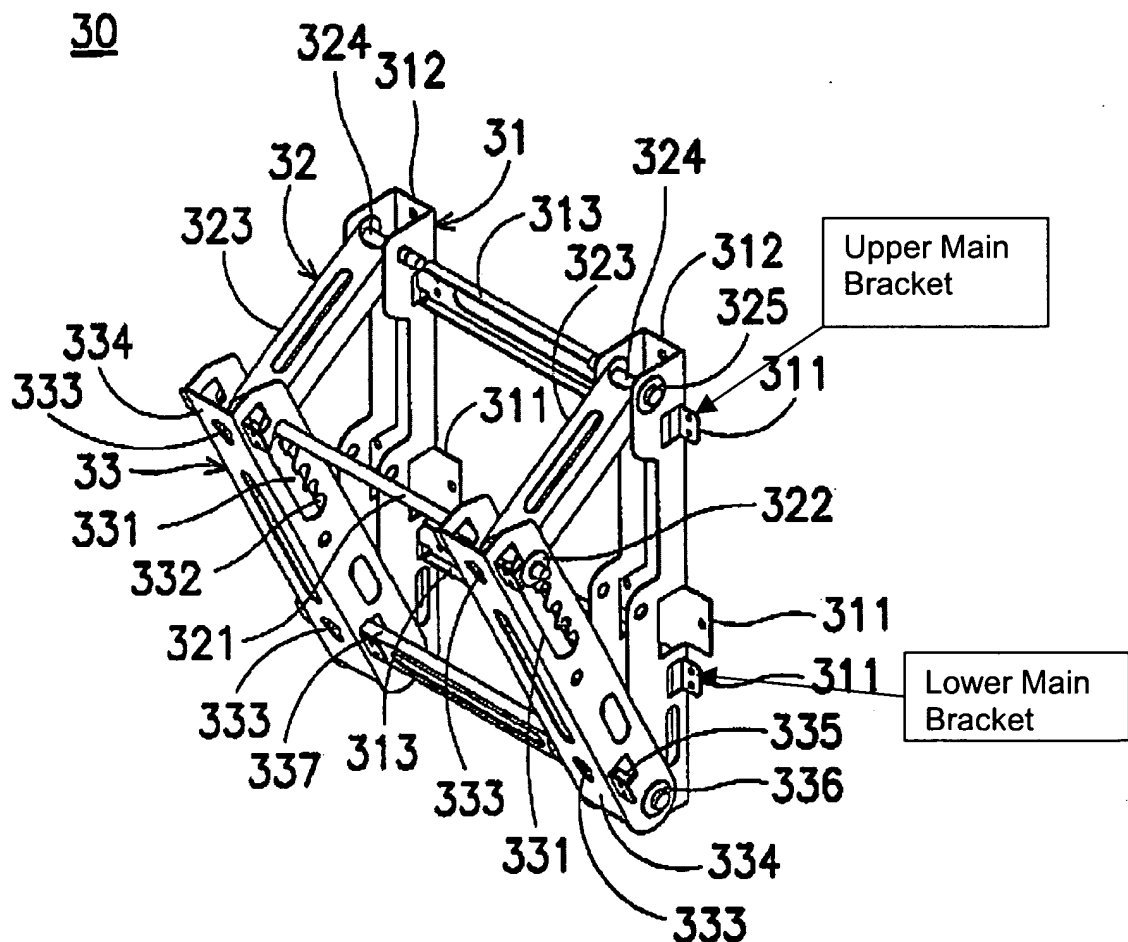
Claim Rejections - 35 USC § 102

Claims 11, 21, 23, 24 and 26 are rejected under 35 U.S.C. 102(e) as being anticipated by United States Patent Publication No. 2002/0033436 to Peng et al.

The publication to Peng et al. discloses an apparatus for mounting a display including an upper main bracket (upper 311, See Drawing Below) attached to the installation surface, detachably attached to an upper back of a display main body (40) and a lower main bracket (lower 311, See Drawing Below) attached to the installation surface and detachably attached to a lower back of the display main body (40), and spaced from the upper main bracket, and a jig (41, 334) having a jig frame (334) shaped like a plate and having a first part of a supporting arm (323) rotatably attached to the jig frame (334) and a pair of supporting arms (323) attached at opposite ends of the jig frame (334) which have a first part attached to opposite end parts of the jig frame (334) and a second part detachably attached to the installation equipment, wherein one of the support arms and jig frame has a first slot (331) shaped like an arc (portions of the slot are arcuate in shape) which provides guiding rotation of the supporting arm relative to

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the jig frame within a predetermined angle and the other supporting arm and jig frame has a second slot (331) with a guide projection (321) inserted into the second slot and guided by the shape of that slot. Peng et al. also teaches wherein the second part of the supporting arm has a projection part (324) protruding in correspondence with a projection holding part (312) of the installation equipment.



Response to Arguments

The applicant has argued that the upper main bracket is not shown to be spaced from the lower main bracket in the Publication to Peng. This is unpersuasive as shown by the marked Drawing above.

Allowable Subject Matter

Claims 1-10, 15, 17-20, 27-29 and 31 are allowed.

Claims 12-14 and 25 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The reason is that the prior art of record does not teach a jig shaped like plate and having a first part of a supporting arm rotatably attached to the jig frame, in combination with a link assembly having a first link having a first end rotatably attached to the installation surface, a second link having a first end rotatably attached to the display main body and a second end rotatably attached to a second end of the first link and a spring member provided in at least one joint area of the first and second links and elastically biasing the display main body towards the wall, a lower supporting bracket attached to the installation surface and rotatably supporting a lower back of a display main body and an upper supporting bracket attached to the installation surface and supporting the link assembly.

The reason is that the prior art does not teach wherein the upper and lower main brackets are formed with projection holding parts in correspondence to a plurality of projections provided in a back of the display main body. Also, the prior art does not teach wherein the projection part includes three magnetic projections.

The reason that the prior art does not teach a jig frame shaped like a plate and at least one pair of supporting arms including a first part attached to opposite ends of the parts of a jig frame and a second part detachably attached to the installation equipment in combination with an upper bracket attached to the installation surface and rotatably attached to a torsion spring link assembly that is rotatably detachably attached to an upper back of the display main body and a lower bracket attached to the installation surface and rotatably detachably attached to a lower back of the display main body. The prior art does not teach the method of installing the main body to a surface including attaching an upper bracket to the installation surface, attaching, detachably and rotatably the upper bracket to a torsion spring link assembly that is rotatably detachably attached to an upper back of the display main body, attaching a lower bracket to the installation surface, attaching detachably and rotatably the lower bracket to a lower back of the display main body, wherein the upper bracket, the torsion spring link assembly and the lower bracket have installation equipment and using a jig to install the installation equipment onto an installation surface wherein the jig has a frame shaped like a plate and at least one pair of supporting arms including a first part attached to opposite end parts of the jig frame and a second part detachably attached to the installation equipment.

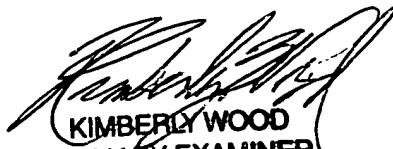
Conclusion

THIS ACTION IS MADE FINAL. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action. Any inquiry concerning this communication should be directed to Amy J. Sterling at telephone number 571-272-6823. The examiner can normally be reached (M-F 8 a.m.-5:00 p.m.). If attempts to reach the examiner are unsuccessful, the examiner's supervisor, Robert Olszewski can be reached at 571-272-6788. The fax machine number for the Technology center is 571-273-8300 (formal amendments) or 571-273-6823 (informal amendments and communications). Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center receptionist at 571-272-3600.


AJS

Amy J. Sterling
8/29/05


KIMBERLY WOOD
PRIMARY EXAMINER